7) Tighten the nut. Do not over tighten.
8) Replace the outer guard.
9) Replace the retaining screw, spark deflector and tool rest.
10) Re-adjust the tool rest and spark deflector.
11) Rotate the wheel by hand to check for free movement and proper adjustments.
12) Plug in the grinder, put on eye protection, stand to one side and run the grinder at full speed for several minutes.

MAINTENANCE

Remove the power plug from the electrical socket before carrying out any adjustment, servicing or maintenance.

If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

GRINDER ADJUSTMENTS

During the life of the grinder, some adjustments are required to maintain a safe working environment. Please ensure the following:

- Always adjust the eye shields to the most comfortable and most effective angle to suit the task being performed.
- As the wheels wear, the spark arresters must be adjusted to ensure that the distance from its bottom edge to the wheel surface is not more than 5/64" (2mm).
- As the wheels wear, the work rests must also be adjusted to make sure that the distance is not more that 5/64"(2mm) from its edge to the wheel surface.

LUBRICATION

1. All models use pre-lubricated sealed ball bearings for the motor and do not require lubrication.
2. If the discs do not rotate freely, the bearings should be replaced by an authorized service center.

CLEANING

1. Keep the outside of the grinder clean by brushing grinding dust and dirt away from all areas where the dust tends to build up. Wear eye protection when brushing.
2. Wipe the guards and grinder with a soft damp cloth. A mild detergent can also be used.
3. Wipe the eye shields with a soft damp cloth, making sure not to scratch the surface. A mild detergent can also be used.

CAUTION: Never use caustic agents, petrol based cleaners, alcohol or any other cleaning agents. Do not wet down the grinder.

GENERAL INSPECTION

Regularly check that all the fixing screws are tight. They may vibrate loose over time.

TROUBLESHOOTING

Although your new bench grinder is really very simple to operate, if you do experience problems, check the following:

1. GRINDER WILL NOT START

Check that there is electrical power at the socket; test with an electrical screwdriver or another electrical appliance; check the connections in the plug; correct and tighten poor connections; check the fuse; if suspect replace with correct rating.

2. WHEEL WOBBLES OR VIBRATES

Check that the lock-nut is tight. Check that the wheel is correctly located on the shaft and locating washer. If excessive pressure has been used or the wheel has "caught", it may be damaged enough to vibrate. DO NOT USE if there is any evidence that the wheel is damaged. Remove it and replace with a new wheel. Dispose of old wheels sensibly.

3. WHEEL LEAVES ROUGH FINISH.

Too much pressure on the wheel can cause a poor surface finish. If working with aluminum or similar soft alloy, the wheel will soon become clogged and will not grind effectively.

There are no other user serviceable parts in your bench grinder.